California Biodiversity Council

July 30, 2003

California Water: Today and Tomorrow

8:00 – 8:15   Welcome and Introductions

8:15 – 8:30   Council Announcements

8:30 – 8:45   Report from the Executive Committee

Program: California Water Issues & Challenges

8:45 - 10:00   **Topic 1: Drought Effects on Vegetation, Fire Protection, and Ecology**

A) Precipitation Patterns and Trends: Effects on Insects and Vegetation
Dave Wood, Emeritus Professor, University of California, Berkeley

B) Case Study: The Effects of Drought on Vegetation and Fire Protection in Southern California Bug-Killed Forests
Gene Zimmerman, San Bernardino National Forest, and Tom O'Keefe, San Bernardino Ranger Unit, California Department of Forestry and Fire Protection

C) Ecological Effects of Current Trends in Southern California Forests
Rich Minnich, Professor, University of California, Riverside

D) Discussion

10:00- 10:30   Break

10:30 – Noon   **Topic 2: Balancing Water Supply and Biodiversity Considerations**

A) Planning for the Future
   1) California Water Plan Update 2003 and Beyond
      Kamyar Guivetchi, State Water Planning Branch, California Department of Water Resources

       2) The Federal Water 2025 Initiative
         Jeff McCracken, Bureau of Reclamation

   B) State and Federal Cooperation: Lessons Learned
       1) Introduction to the State and Federal Perspectives
         Patrick Wright, California Bay Delta Authority
       2) Case Study: The Sacramento River
         a) Water Supply Reliability Considerations
           Gwen Buchholz, CH2M-Hill
         b) Biodiversity Considerations
           Mike Roberts, The Nature Conservancy

Noon – 1:30   Lunch

1:30 – 3:00   **Topic 3: Continuing and Emerging Issues and Initiatives**

   A) Water Use and Efficiency: New Solutions for California
      Peter Gleick, Pacific Institute

   B) Global Warming and California's Biodiversity
      Bob Wilkinson, University of California, Santa Barbara

   C) Desalination Task Force
      Dale Hoffman-Floerke, Department of Water Resources

   D) The Clean Water Act and California Water Law
      Art Baggett Jr., State Water Resources Control Board

   E) Discussion

3:00   Adjourn